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| Substitute for form 1449/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/749,695-Conf. #2181 |
| | | | | Filing Date | December 31, 2003 |
| | | | | First Named Inventor | Albert A. VIERHEILIG |
| | | | | Art Unit | 1764 |
| | | | | Examiner Name | P. C. Singh |
| Sheet | 1 | of | 6 | Attorney Docket Number | 0113222.00146US1 |

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| Sheet | 2 | of | 6 | Attorney Docket Number | 0113222.00146US1 |

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| Examiner Signature 6116502 | /Prem Singh/ | Date Considered | 09/26/2007 |
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| Sheet | 4 | of | 6 | Attorney Docket Number | 0113222.00146US1 |

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| ✓ | BO | WO-03/018178 | | 03-06-2003 | Engelhard Corporation | | ✓ |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
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| /P.S./ | CA | Cavani et al., Hydrotalcite-Type Anionic Clays: Preparation, Properties and Applications. | | | | |
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| | | | | First Named Inventor | Albert A. VIERHEILIG |
| | | | | Art Unit | 1764 |
| | | | | Examiner Name | P. C. Singh |
| Sheet | 6 | of | 6 | Attorney Docket Number | |
| 0113222.00146US1 | | | | | |

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| | | Catalysis Today, 11 (1991), pp. 173-301 | |
| /P.S./ | CB | Corma et al., "Simultaneous Catalytic Removal of Sox and Nox with Hydrotalcite-derived Mixed Oxides Containing Copper, and their Possibilities to be Used in FCC Units," J. of Catalysts, Vol 170, pp. 140-149 (1997) | |
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| /P.S./ | CD | Taylor, "Crystal Structures of Some Double Hydroxide Minerals," Mineralogical Magazine, Vol. 39, No. 304, pp. 377-389 (Dec. 1973) | |

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Signature 6116502 | /Prem Singh/ | Date Considered | 09/26/2007 |
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